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Substitute for form 1449BPTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
Sheet	2	of	3	Application Number	10/707,248
				Filing Date	12/1/03
				First Named Inventor	Maria C. Rivara
				Group Art. Unit	2123
				Examiner Name	Unknown
				Attorney Docket Number	RIVAP005US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the book (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	TS
HD	A	L. Chew, Guaranteed-quality triangular meshes, Dept. of Computer Science, Cornell University. TR 89-983, (1989).	
	B	N. A. Golias and T. D. Tsiboukis, An approach to refining three dimensional tetrahedral meshes based on Delaunay transformations, International Journal for Numerical Methods in Engineering, vol. 37, 793-812 (1994).	
	C	M. T. Jones and P. E. Plassmann, Computational results for parallel unstructured mesh computations, Computing Systems in Engineering, vol. 5, 297-309 (1994).	
	D	R.V. Nambiar, R.S. Valera and K.L. Lawrence, An algorithm for adaptive refinement of triangular element meshes, International Journal for Numerical Methods in Engineering, vol. 36, 499-509 (1993).	
	E	Ruppert, A Delaunay refinement algorithm for quality 2-dimensional mesh generation. Journal of Algorithms, vol. 18, 548-585 (1995).	
	F	Rebay, Efficient unstructured mesh generation by means of Delaunay triangulation and Bowyer-Watson algorithm, J. Comp. Physics, vol. 106, 125-138 (1993).	
	G	M. C. Rivara, Algorithms for refining triangular grids suitable for adaptive and multigrid techniques, International Journal for Numerical Methods in Engineering, vol. 20, 745-756 (1984a).	
	H	M. C. Rivara, Design and data structure for fully adaptive, multigrid finite element software, ACM Trans. Math. Software, vol. 10, 242-264 (1984b).	
	I	M. C. Rivara, A grid generator based on 4-triangles conforming mesh-refinement algorithms for triangulations, International Journal for Numerical Methods in Engineering, vol. 24, 1343-1354 (1987).	
↓	J	M. C. Rivara, Adaptive finite element refinement and fully irregular and conforming triangulations, In Accuracy Estimates and Adaptive Refinements in Finite Element Computations, I. Babuska, O.C. Zienkiewicz, J. Gago and E. R. de A. Oliveira (eds.), John Wiley & Sons, Chichester, pp. 359-370 (1986).	
HD	K	M.C. Rivara and M. Palma, New LEPP-algorithms for quality polygon and volume triangulation: implementation issues and practical behavior. In Trends in Unstructured Mesh Generation, S.A. Canans and S. Saigal (eds.) AMD - vol. 220 The American Society of Mechanical Engineers, pp. 1-8 (1997).	

Examiner Signature	/Herng-der Day/	Date Considered	07/07/2006
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Substitute for form 1449S/PTG			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/707,248
			Filing Date	12/1/03
			First Named Inventor	Maria C. Rivara
			Group Art Unit	2123
			Examiner Name	Unknown
			Attorney Docket Number	RIVAP005US
Sheet	3	of	3	

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Examiner initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HD	L	M. C. Rivara, Selective refinement/derefinement algorithms for sequences of nested triangulations, International Journal for Numerical Methods in Engineering, vol. 28, 2889-2906 (1989).	
	M	M. C. Rivara and C. Levin, A 3-D refinement algorithm suitable for adaptive and multigrid techniques, Communications on Applied Numerical Methods, vol. 8, 281-290 (1992).	
	N	M. C. Rivara and P. Inostroza, A discussion on mixed (longest-side midpoint insertion) Delaunay techniques for the triangulation refinement problem, Proceedings 4th International Meshing Roundtable, Albuquerque, USA, October 16-17, pp 335-346 (1995).	
	O	M. C. Rivara, New mathematical tools and techniques for the refinement and/or improvement of unstructured triangulations, Proceedings 5th International Meshing Roundtable, Pittsburgh, USA, October 10-11, pp 77-86 (1996).	
	P	M. C. Rivara, New longest-edge algorithms for the refinement and/or improvement of unstructured triangulations, International Journal for Numerical Methods in Engineering, vol. 40, 3313-3324 (1997).	
	Q	S. N. Muthukrishnan, P. S. Shiakolas, R. V. Nambiar and K. L. Lawrence, Simple algorithm for adaptive refinement of three-dimensional finite element tetrahedral meshes, AIAA Journal, Vol. 33, pp 928-932 (1995).	
	R	P. L. George, F. Hecht, and E. Sahel, Fully automatic mesh generator for 3D domains of any shape, Impact of Computing in Science and Engineering, Vol. 2, pp. 187-218 (1990).	
	S	S. N. Muthukrishnan et al., Refinement of 3D meshes at surface intersections, Computer Aided Design, vol. 27, no. 8, pages 637-645 (1995).	
	T	B. Baccus et al., Adaptive Mesh Refinement for Multilayer Process Simulation Using the Finite Element Method, IEEE Transactions on Computer Aided Design of Integrated Circuits and Systems, vol. 11, no. 3, pages 396-403 (1992).	
↓	U	J. G. Castanos and J.E. Savage, Parallel refinement of unstructured meshes, Procs. IASTED Conference on Parallel and Distributed Computing and Systems (PDCS'99), 1999	
HD	V	D. Nave, N. Chrisochoides and L.P. Chew, Guaranteed-quality parallel Delaunay refinement for restricted polyhedral domains, Proceedings of the 8th ACM Symposium on Computational Geometry, pp 135-144, 2002	

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